

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000550**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 17-Dec-2007**Location:** Changxing Island, Shanghai, China

Submittals(New / Total): **CWR's:** / **HSR's:** / **NCR's:** /

Item	Title	Detail
1	Major component movement	<p>OBG Production:</p> <p>Welding floorbeams, Welding T-Stiffeners to OBG Skin Plates.</p> <p>77m Tower Mock-up: Beveling diaphragm plates.</p> <p>89m Tower Mock-up: Welding Shear Link web to bottom flange, Installing double plates.</p> <p>114m Tower Mock-up: Welding Skin Plate to Skin Plate corner welds.</p> <p>Closed-rib Weld Trial: ABF finalizing reports for Weld Joints 3 through 10. ZPMC etching samples from Weld Joints 1 and 2.</p>
2	Meetings attended	<p>Caltrans met with ABF and ZPMC at 1300 to discuss issues and the schedule for the next three days.</p> <p>ABF informed Caltrans that ZPMC will change their floorbeam distortion control methods. ZPMC is proposing positive deflection. Changes will also include staggering the tack welds on the Stiffener to OBG skin plates. This change does not constitute a change in the fabrication procedures. ZPMC will resubmit the floorbeam HSR's to reference the new Fabrication Procedures.</p> <p>ZPMC asked about the status of HSR's 18, 25 and 26. Caltrans will check on the status.</p> <p>ZPMC is trying to arrange a meeting with the rolled shape material provider regarding traceability of rolled shapes this week. ABF is unsure of the confidence level in the plan for providing traceability.</p>

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ZPMC asked ABF for the status of material batches 47, 48, 49, 50, 51, 52 and 53. Batches 47 and 49 have been sent to Caltrans. Batches 48, 51, 52 and 53 have been rejected by ABF. Batch 50 is on hold pending grain size. ABF and Caltrans arranged to meet tomorrow at 10am to come to an understanding with material receiving. ABF will submit a final list of material with the grain size missing from the MTR's.

ZPMC stated they are trying to qualify a Chinese (brand THY) Flux Cored electrode for welding HPS 485W material. They are currently arranging for diffusible hydrogen testing.

Caltrans asked about the status of the Close-rib Weld Trial macro-etches. ZPMC is to issue a report evaluating the first 48 samples from weld joints 3 through 10. Caltrans stated that this should include a disposition of the samples. The remaining samples (taken from weld joints 1 and 2) have been etched and are awaiting evaluation by ABF and ZPMC.

Inspected By:	McClary, David
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Quality Assurance Inspector

Reviewed By:	Lowry, Patrick
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QA Reviewer
